

ALTON GEOSCIENCE BORING LOG

PROJECT: 18-HE1

BORING DATE: 9-16-90

LOCATION: MAIN AND EDINGER

GEOLOGIST: K. PRICE / T. STEWART

TYPE: 10" HSA

BORING NO.: MW-5

DRILLING COMPANY: HE DRILLING

| DEPTH (FEET) | I | BLOW CTS | MATERIAL ENCOUNTERED | USCS |
|-----------------|----|----------|---|----------|
| — | | | Hand-excavated first 4-feet. | |
| — | | | | |
| — | | | | |
| — | | | | |
| 5 | | 3,5,6 | Soft, damp, brown, silty CLAY. CGI = 0 ppm. | CL |
| — | | | | |
| — | | | | |
| 10 | ++ | 4,4,7 | Soft, damp, brown SILT; minor fine-grained sand. CGI = 0 ppm, TPH = ND, B = 0.041 ppm, TEX = ND. | ML |
| — | | | | |
| — | | | | |
| 15 | | 5,5,5 | Soft, damp, gray and brown, silty CLAY. CGI = 0 ppm. | CL |
| — | | | | |
| — | | | | |
| — | | | | |
| 20 | ++ | 4,4,6 | Soft, damp, brown and gray, silty CLAY. CGI = 0 ppm, TPH = ND, B = 0.098 ppm, T = 0.12 ppm, E = ND, X = 0.82 ppm. | CL |
| — | | | | |
| — | | | | |
| 25 | | 3,6,6 | Loose, moist, brown, fine- to medium-grained SAND. Soft, damp, brown, silty CLAY. CGI = 0 ppm. | SM CL |
| — | | | | |
| — | | | | |
| 30 | | 4,4,8 | Loose, moist, brown, very fine-grained SAND; minor clay. CGI = 0 ppm. | SC |
| — | | | | |
| — | | | | |
| 35 | | 3,5,10 | Loose, moist, brown, very fine-grained SAND; minor clay. CGI = 0 ppm. | SC |
| — | | | | |
| — | | | | |
| 40 | | | Loose, moist, brown, fine- to medium-grained SAND. CGI = 0 ppm. | SC |

TPH = Total Petroleum Hydrocarbons

TRPH = Total Recoverable Petroleum Hydrocarbons

▽ = Ground Water Piezometric Surface

ND = Not Detected

CGI = Combustible Gas Indicator

++ = Sample Analyzed for Hydrocarbon
Concentration

I = Sampling Interval

ppm = Parts per Million

LEL = Lower Explosive Limit

B = Benzene

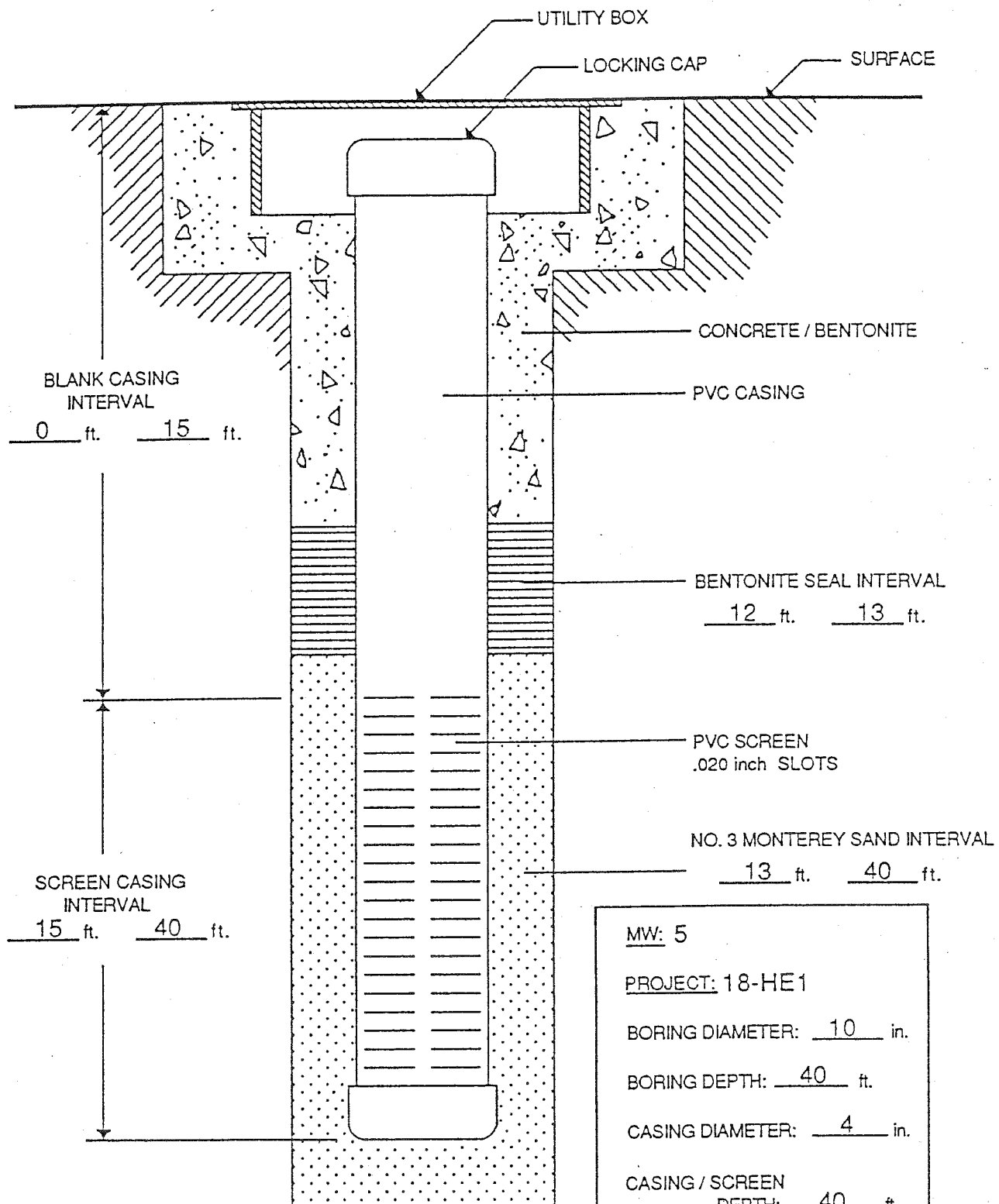
T = Toluene

E = Ethylbenzene

X = Xylene

Total Depth = 40 Feet

MONITORING WELL CONSTRUCTION DETAIL II



MW: 5

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BORING DIAMETER: 10 in.

BORING DEPTH: 40 ft.

CASING DIAMETER: 4 in.

CASING / SCREEN DEPTH: 40 ft.

NOTE: DRAWING IS NOT TO SCALE



ALTON GEOSCIENCE

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